

work planned for FY96 is also included, although it is possible that some of the proposed work will not be completed due to budget constraints.

Botany

The botany program ensures that native plant habitats, including those for special plant are protected in the operation of the BLM's multiple use programs. This is achieved by conducting plant surveys on public lands prior to project implementation to insure sensitive species are avoided, monitoring population trends, and developing conservation strategies for sensitive species. For more information contact Lou Whiteaker at 541-885-4136.

FY 95 Program Accomplishments

* Botanical Surveys/Inventory: approximately 6,890 acres were surveyed for the presence of special status species, including the proposed Frosty Timber Sale (about 1,800 acres), Spencer Creek watershed analysis area (about 5,067 acres accomplished through contract), 1 proposed right-of-way, 2 proposed fences, 2 blowdown salvage adjustments to timber sales, and 2 proposed recreational trails. Approximately 1,371 acres of the 5,067 acres surveyed within the Spencer Creek watershed contained *Asarum wagneri* (green-flowered ginger) in densities ranging from very light to very dense. Similarly, approximately 880 acres of the 1,800 acres surveyed within the Johnson Creek watershed (the Frosty Timber Sale area) contained *Asarum wagneri* in densities ranging from very light to very dense, within only 3 sections of the 7 sections surveyed. In both areas, the plants were distributed such that discreet populations were difficult to identify. In addition, one new population of *Mimulus pygmaeus* (pygmy monkey flower) was found in 1995.

* Monitoring: the entire population of *Rorippa columbiae* (FC2) on public and private lands on Stukel Mountain was surveyed and all plants counted. A total of 101 plants were found this year - up from 67 plants found in 1994. Twenty of those plants were found on public land, up from 14 plants in 1994.

* Planned, established, and collected base data from 20 (out of 29 planned) vegetation monitoring plots on the Wood River property with the objective being to monitor vegetation change over time in response to wetland restoration management actions.

* Collected, processed, identified, and added approximately 60 additional plant species to the resource area herbarium. The herbarium now contains a total of approximately 730 species.

* Outreach/Education: a wildflower photo display was exhibited in the lobby of the Klamath Falls Resource Area office highlighting the botanical resources found within the resource area. A wildflower auto tour/walk was conducted in the Gerber area of the resource area in cooperation with the Keno Garden Club.

* Research: collected flowers of *Limnanthes floccosa* ssp. *bellingeriana* and *L. f. ssp. floccosa* that occurred at the same location, and sent to a researcher at Southern Oregon State University. Pollen from the flowers were used in a genetic study of the subspecies contracted by the Medford District BLM.

* Conservation Agreements/Conservation Strategies: worked on the preparation of these documents for *Limnanthes floccosa* ssp. *bellingeriana* (Bellinger's meadow foam), and *Rorippa columbiae* (Columbia cress; Challenge Cost Share project).